

Federal Aviation Administration's 2006 Environmental Forum

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Drivers for EMS

- They make good business sense, in terms of managing our environmental aspects efficiently, in line with the overall commitment to good government.
- EO 13148 mandated EMSs at all appropriate facilities by end of December 2005.
- April 2002 memo from CEQ and OMB stating that this Administration was committed to keeping EO 13148, and actually making it more of a priority.
- April 2006 memo from CEQ and OMB stating that not only do we still expect EMSs even though the deadline passed, but that we expect them to serve as the platform upon which agencies will manage their environmental affairs.

Global Perspective on EMS and ISO 14001

- **Several hundred thousand EMSs in place, with ISO 14001 as the overwhelming model, having about 23,000 formal certifications. US leads with over 5000, with Japan, UK, Germany, and Canada rounding out the top five.**
- **EMSs are now reaching beyond the private sector manufacturing community to service companies, and other public entities (municipalities, etc).**
- **EMS has touched nearly all sectors of industry. Manufacturing makes up about 75% of certifications, with transportation and utilities, services, and wholesale/retail trade making up most of the other 25%.**

Where are We in the Federal Government?

- Approximately 300 in place, out of a possible 2500 or so.
- There is an exponential growth rate of EMS implementation underway in the federal community.
- Several thousand federal employees trained in some aspect of EMS; be it implementation or auditing or both.
- Audit teams being created around the country to help towards system verification as they come on line.
- Interagency effort to create modules that will help maximize the use of EMS. For example, currently have modules for integrating green purchasing and electronics. Modules being developed for green buildings, NEPA, and energy.
- Promoting integrating systems, such as H&S and Security management; into the EMS model.

Some Interesting Stories

- **Partners for Environmental Performance (PEP, “Adopt a Bureaucrat) Fort Hood and 3M, in Killeen, Texas. Signed MOU in 2005, and currently working together to share ideas on operational controls and auditing. Feedback has been very positive.**
- **US Forest Service now using EMS for Forest Planning**
- **NEPA Modernization Task Force work has a major component of EMS as a way to enhance NEPA.**
- **DLA and GSA are working on a project pilot in Battle Creek Michigan to see how to effectively integrate the tenant-landlord EMSs.**
- **EPA is looking at how EMS can help with rulemaking, permitting, and enforcement.**
- **FAA is using their EMS to help them identify what would be good practices to incorporate into their policies, standards, and requirements.**
- **OFEE has been working with several non-Federal organizations to establish pilot projects to test how to integrate security management and environmental systems.**

What is coming in 2006 and Beyond

- **EMS now a metric on new OMB scorecards. Agencies are now being graded on their environmental, energy, and transportation requirements performance using a scorecard format similar to the PMA process. Therefore, agency progress and planned actions on EMS are being tracked not only through the 13148 Report Card process, but also through the high level OMB method, that reports periodically to the PMC.**
- **Annual reporting metrics for 13148 that monitors EMS will now become performance oriented, and less implementation process oriented. The intent is to start to measure how well the EMS is performing, and how it is contributing to overall environmental and agency performance. These metrics are developed annually by an interagency team.**
- **Continued outreach and implementation efforts.**